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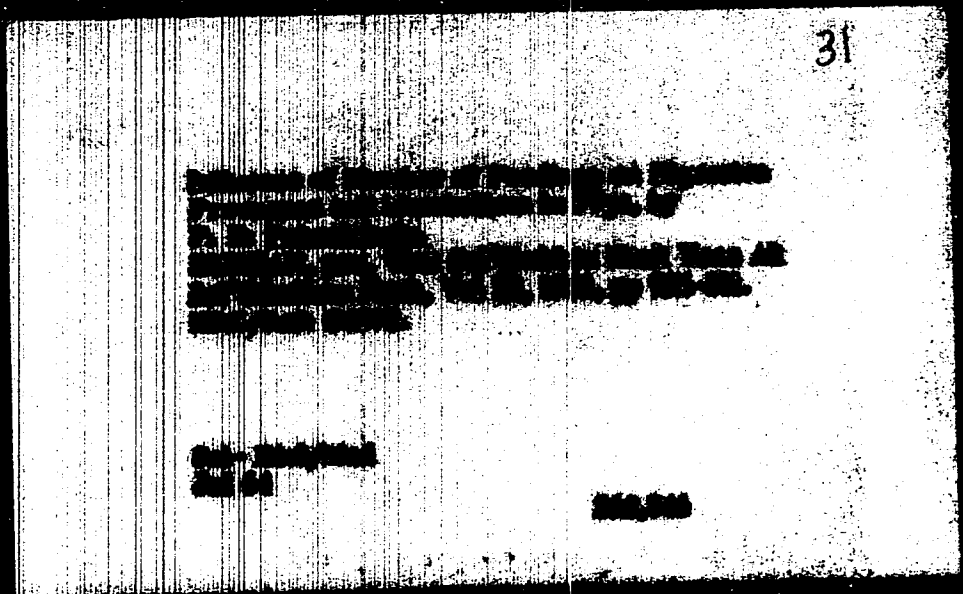
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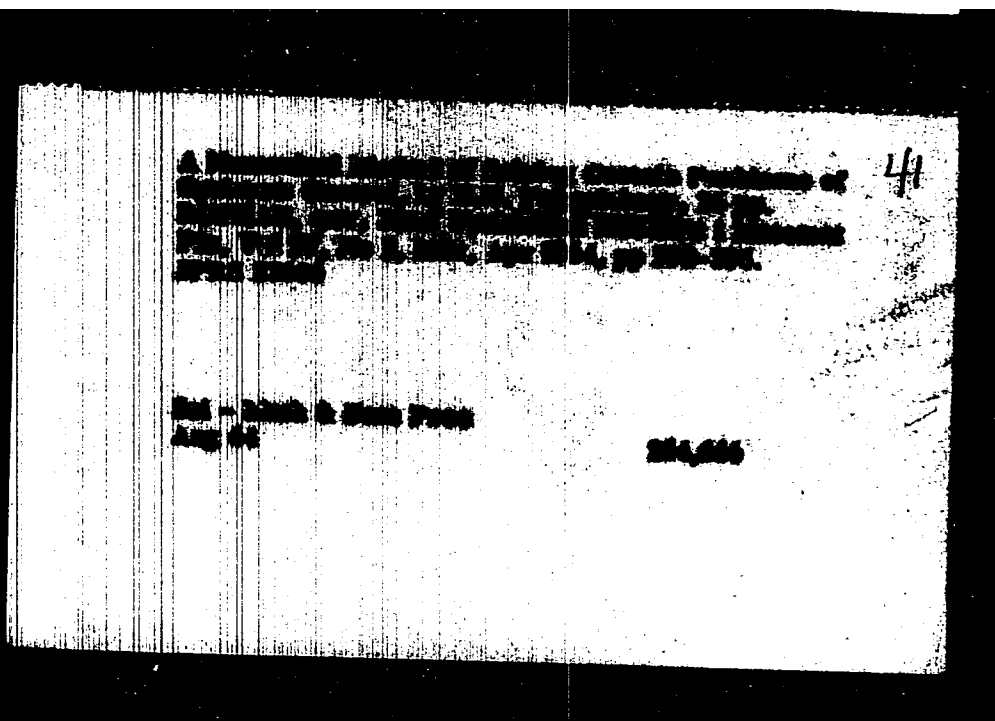
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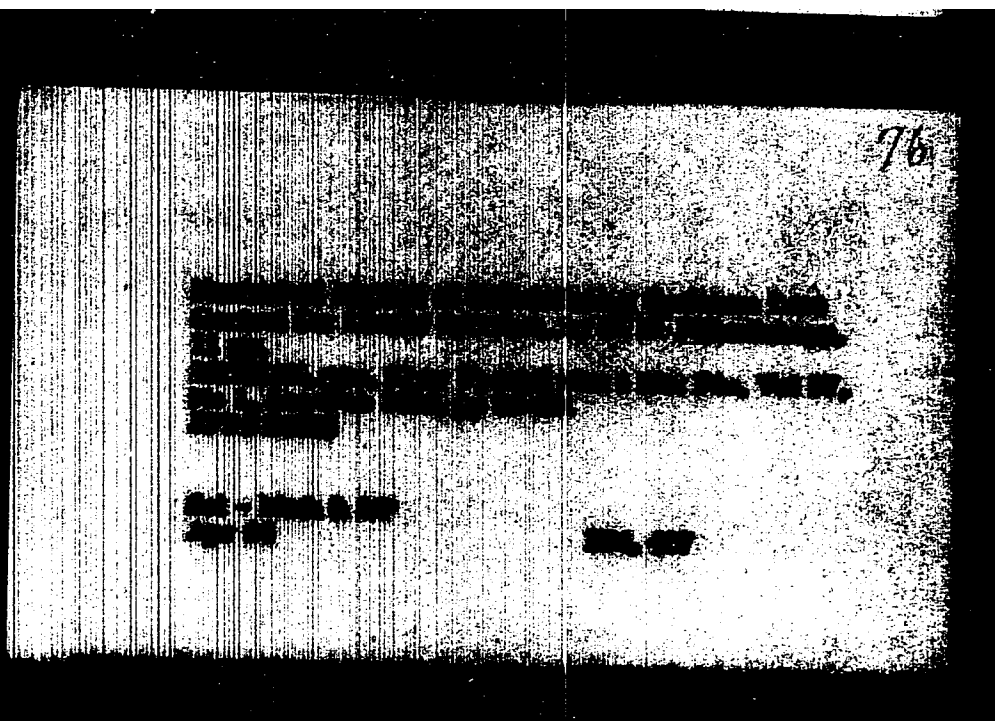
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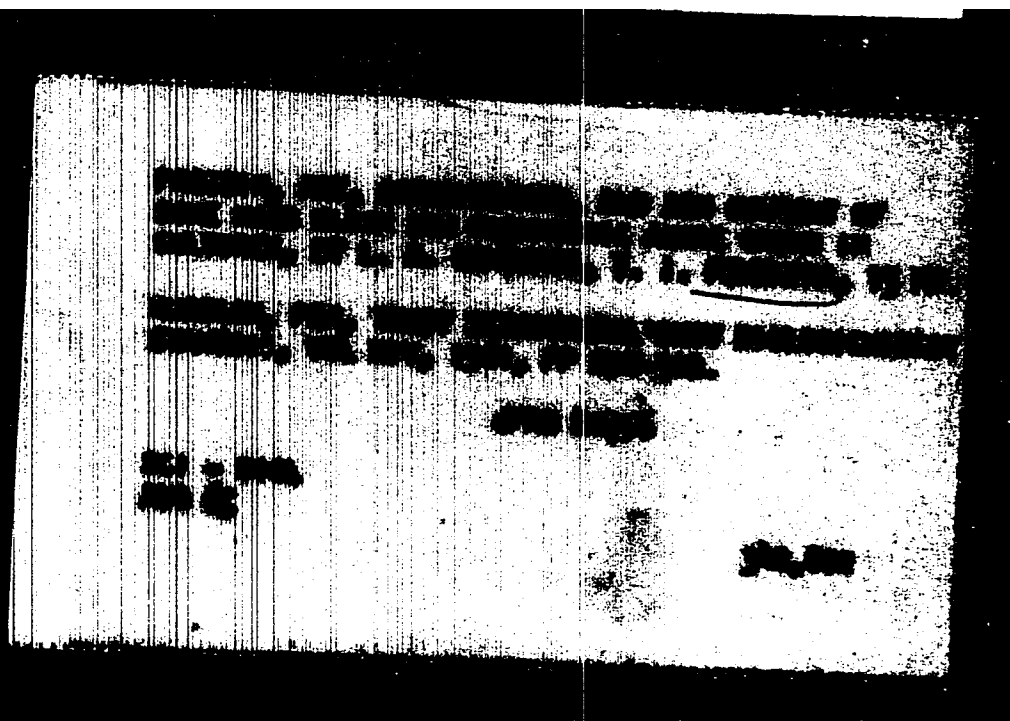
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The kinetics of dimerization of ethylene on a nickel
catalyst was determined, and it was established that
the velocity of dimerization is proportional to the
pressure of ethylene in the gaseous phase in the first
degree. The apparent energy of activation of the reac-
tion is about 10,500 cal. The results obtained were
interpreted with the aid of the regularities character-
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uniform surfaces. (Author)

(Chemistry: Organic: TT, v. 6, no. 7)

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SUBJECT: [REDACTED]

1. [REDACTED]

2. [REDACTED]

3. [REDACTED]

4. [REDACTED]

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DESCRIPTORS: *Dehydrogenation, Hydrocarbons,
*Butanes, *Butenes, *Reaction kinetics.

ATS: RJ - 3178

(Chemistry--Physical, TT, v. 6, no. 11)

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